



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Allan Robert Knoll, et al.

Title: NOVEL SUPERCONDUCTING ARTICLES, AND METHODS FOR FORMING AND USING SAME

Application No.: 10/750,144

Filed: December 31, 2003

Examiner: UNASSIGNED

Group Art Unit: 2831

Atty. Docket No.: 1014-SP230

COMMISSIONER FOR PATENTS  
PO Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT TRANSMITTAL**

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- ☒ Form(s) PTO/SB/08A and/or PTO/SB/08B or PTO/1449  
☐ Other: n/a

to the Examiner's attention in the above-identified application. Citation of such information shall not be construed as:

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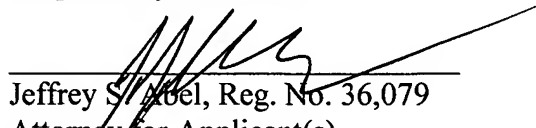
- ☐ within three months of the filing date of a national application or within three months of entry of the national stage as set forth in § 1.491 in an international application. Therefore, no fee is required.
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Should any PTO fees be necessary for entry of this Information Disclosure Statement, the undersigned hereby authorizes the Commissioner to charge Deposit Account 50-2469.

Date

4/20/05

Respectfully submitted,



Jeffrey S. Abel, Reg. No. 36,079

Attorney for Applicant(s)

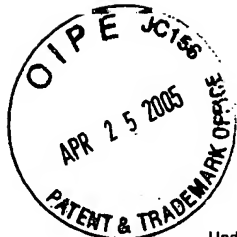
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PTO/SB/08A (08-03)

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Substitute for form 1449/PTO		<b>Complete if Known</b>	
		Application Number	10/750,144
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)		Filing Date	12/31/2003
		First Named Inventor	Allan Robert Knoll
		Art Unit	2831
		Examiner Name	UNASSIGNED
		Attorney Docket Number	1014-SP230
Sheet	1	of	2

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	A	US- 5,527,766	06/18/1996	Eddy	
	B	US- 5,650,377	07/22/1997	Kern et al.	
	C	US- 6,388,268 B1	05/14/2002	Kim et al.	
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
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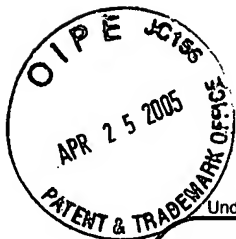
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	T	JP 3-283679	12/13/1991	Shimadzu Corp.	English Abstract	
	U	JP 6-85337	03/25/1994	Fuji Electric Co., Ltd.	English Abstract	
	V	JP 2000-261053	09/22/2000	Fujitsu Ltd.	English Abstract	
	W	JP 2001-168404	06/22/2001	Samsung Elect. Co., Ltd.	English Abstract	
	X	WO 01/18885 A1	03/15/2001	Cambridge U. Tech Serv.		
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Examiner Name	UNASSIGNED
Attorney Docket Number	1014-SP230

Sheet 2 of 2

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	BA	Pedarnig, J.D., et al., "Patterning of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> - Films using a Near-Field Optical Configuration", APPL. PHYS. A., Vol. 67, pp. 403-405, 1998	
	BB	Cobb, Coleman B., et al., "Hysteretic Loss Reduction in Striated YBCO", Physica C., Vol. 382, pp. 52-56, 2002.	
	BC	Carr, Jr., W.J., et al., "Filamentary YBCO Conductors for AC Applications", IEEE Transactions on Applied Superconductivity, Vol. 9, No. 2, pgs 1475-1478, June 1999.	
	BD	Sumption, M.D., et al., "Hysteretic Loss vs. Filament Width in Thin YBCO Films Near the Penetration Field, IEEE Transactions on Applied Superconductivity, Vol. 13., No. 2, pgs 3553-3556, June 2003.	
	BE	Suzuki, Y., "Transport Properties of Patterned Thin Lines From Epitaxial YBCO", Cornell Nanofabrication Facility, National Nanofabrication Users Network, pgs. 178-179.	
	BF	Meltaus, J., et al., "High Temperature Superconducting Thin-Film Patterning for Microwave Applications", Materials Physics Laboratory, Helsinki University of Technology, 1 pg.	
	BG	Hakola, A., "Patterning of HTS Thin Films", Department of Engineering Physics and Mathematics, Helsinki University of Technology, <a href="http://www.hut.fi/Units/AES/projects/prlaser/patterning.htm">http://www.hut.fi/Units/AES/projects/prlaser/patterning.htm</a> , 2 pgs.	
	BH	"State-of-the-art of the HTS Microfabrication Technology", <a href="http://www.imel.demokritos.gr/web/NATO_973718/Proposal/stateofheart_ofHTStechno...">http://www.imel.demokritos.gr/web/NATO_973718/Proposal/stateofheart_ofHTStechno...</a> , 4 pgs, 07/17/2003.	
	BI	Tralshawala, N., et al., "Session K20 - Industrial Applications of High-Temperature Superconductor Materials", Mixed Session, Wednesday afternoon, March 19, 5 pgs.	
	BJ		

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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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